

8/20/03

report10644285.txt

Serial Number:
10644285
Pgpib Number:
0

Keywords:

code;denome;frank;april;manufacturing;automatic;automatic
dishwashing;dishwashing;dishwashing detergent;detergent
compositions;anhydrous;organic
solvent;polyphosphate;hexahydrate;dye:minimizes;excessive;pouch;swelling;superior;ae
sthetics;cincinnati;waits;leslie;dawn;alam;elizabeth;ann;chester;correspondence;

Class list:

510/370;510/223;510/222;510/221;510/476;510/508;510/108;510/506;510/373;510/369;

Int Class list:

C11D 003/395;C11D 003/37;C11D 003/08;C11D 017/00;C11D 007/54;C11D 003/12;C11D
001/04;C11D 003/14;C11D 009/02;C11D 009/00;

Special Keywords:

Negative Keywords:

fabric;textile;granular;spray dried;laundry;

Features:

feature#1(w=400);claimed gel state;liquid gel;gelling;non-aqueous gel;aqueous
gel;highly viscous;very viscous;gel-like;
feature#2(w=100);hydratable builder;sodium tripolyphosphate;STPP;sodium
citrate;tripolyphosphate;
feature#3(w=100);hydrating step;hydrating;adding water;mixing water;hydration;
feature#4(w=100);organic solvent system;glycols;glycol derivatives;glycol
ethers;glycol esters;ethyl lactate;methyl ester;ethyl acetoacetate;ethylene glycol
monobutyl ether acetate;diethylene glycol monoethyl ether acetate;diethylene glycol
monobutyl ether acetate;other similar materials;ethylene glycol monobutyl
ether;monobutyl ether;ethylene glycol;monomethyl ether;diethylene glycol;monoethyl
ether;butyl ether;glycols;propylene glycol;diethylene glycol;hexylene
glycol;triethylene glycol;composition;dipropylene glycol;
feature#5(w=100);preferred solvent;dipropylene glycol;
feature#6(w=400);dispersion mill;mixer;milling;mix tank;mixer tank;mixing
tank;Lodge;pan mixer;rotary drum;vertical blender;high shear mixer;
feature#7(w=100);particle size;size of particle;Hegman;50 microns;70 microns;25
microns;20 microns;
feature#8(w=100);water-soluble dye;azo dye;stilbene dye;phthalocyanine
dye;triphenodioxazine dye;formazan dye;anthraquinone
dye;stilbene;phthalocyanine;triphenodioxazine;formazan;anthraquinone;
feature#9(w=100);thickener;inorganic clay;natural gum;cellulosic type
thickeners;cellulosic thickener;gelling agent;
feature#10(w=100);thickening step;thicken;thickened;thickens;
feature#11(w=100);pouring;dosing;filling containers;
feature#12(w=100);yield value;rheological;
feature#13(w=100);claimed surfactant;anionic surfactants;cationic
surfactants;nonionic surfactants;amphoteric surfactants;ampholytic
surfactants;zwitterionic surfactants;
feature#14(w=100);preferred surfactant;amine oxide;
feature#15(w=100);claimed
additives;alkalinity;enzyme;co-surfactant;perfume;bleach;bleach
catalyst;anti-oxidant;free radical inhibitors;wetting agent;polymers;soil release
agents;anti-filming agents;anti-spotting agents;antiredeposition agent;suds
suppressors;hydrotropes;germicides;fungicides;color speckles;bleach scavengers;
feature#16(w=100);claimed container;bottles;paste
dispensers;capsules;multi-compartment bottles;multi-compartment
capsules;single-;multi-compartment water-soluble pouches;

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feature#17(w=100);preferred intended use;dishwashing;dish wash;washing
dishes;dishwash;

Percent Features:

feature#1:100%
feature#2:100%
feature#3:96%
feature#4:100%
feature#5:9%
feature#6:78%
feature#7:75%
feature#8:53%
feature#9:100%
feature#10:100%
feature#11:50%
feature#12:90%
feature#13:53%
feature#14:93%
feature#15:100%
feature#16:81%
feature#17:100%

Best results:

4801395
4752409
4836946
4740327
5057237
4857226
5094771
4968445
5064553
5089161
4970016
5164106
5202046
5205953
5252242
5368766
4859358
5395547
5298180
5252241
5075027
4971717
5229026
5246615
4889653
5225096
6670314
5427707
5209863
4968446
5053158
5413727
5219486
5084198
5188752
5205954
4950416
4988452
5279755
5076952